

What is claimed is:

1. A method for implementing a function of timing and sound reminding in a voice recorder, the method comprising the following steps:

- (a) after initiating the voice recorder, a user pressing a mode button for setting a mode switch;
- (b) the user pressing the mode button for selecting a recording, going to step (c); or playing function with timer, going to step (d);
- (c) the user pressing the time setting button for setting a timer;
- (d) the user pressing the time setting button for setting a time and date of a schedule;
- (e) a central processing unit saving a recording data into a memory according to the setting of the switch of the menu after identification, or reading the recording data in the memory for playing of the data after receiving a notice signal.

2. The method according to claim 1, wherein the timer of step (c) being capable of programming the period of the timer by a number that the user presses the setting button.

3. The method according to claim 1, wherein the period of the timer is 1, 3, 10, 20 or 30 minutes.

4. The method according to claim 1, wherein the notice signal in step (e) being an alert sounded like "gi" "gi" generated from a beeper directed by the central processing unit.

5. The method according to claim 1, wherein the notice signal in step (e) being a vibration notice signal generated from a vibrator directed by the central processing unit.

6. The method according to claim 1, wherein the notice signal in step (e) is displayed on the screen of LCD by the central processing unit.

7. The method according to claim 1, wherein the notice signal in step (e) is a twinkling light of LED controlled by the central processing unit.

8. A voice recorder with sound reminder comprising:

a central processing unit for managing and controlling a whole calendar of the voice recorder, and

for managing and moving the action of peripheral modules and signal data by reading the schedule and event preliminarily set in the switch module; or displaying a part of the schedule or event of the whole calendar of the voice recorder by a display module, or playing a voiceprint data pointed by the central processing unit through a speaker module;

a time controlling circuit comparing whether or not the planning time of the schedule being consistent with the present time;

a switch module, the output of the switch module connecting to the central processing unit, and the switch module comprising a Read Only Memory (ROM) having a software program preliminary burned therein, and the central processing unit implementing the function of recording, playing, alert or sound reminding by the software program;

a memory module, the memory module changing the data thereof only when the central processing unit providing a voltage thereon, and the memory module being controlled by the central processing unit for saving the data therein or reading the data by the central processing unit;

a voice recording module for collecting voiceprint data and transferring the voiceprint data to

a digital signal and inputting the digital signal to the central processing unit;

a speaker and vibration module controlled by the central processing unit for transferring the digital signal input from the central processing unit to an acoustic wave and broadcasting outward;

a display module controlled by the central processing unit for displaying the digital signal input from the central processing unit via LCD or LED;

a recording/playing circuit being a hardware device for the central processing unit implementing the recording function and transferring the recorded voice to digitized data and saving the data in a Random Access Memory (RAM).

9. The voice recorder with sound reminder according to claim 7, wherein the speaker and vibration module is a horn.

10. The voice recorder with sound reminder according to claim 7, wherein the speaker and vibration module is a vibrator.

11. The voice recorder with sound reminder according to claim 7, wherein the voice receiving

module is a microphone.

12. The voice recorder with sound reminder according to claim 7, wherein the voice recorder connects to a personal computer via a USB transmission port for transmitting data.

13. The voice recorder with sound reminder according to claim 7, wherein the voice recorder connects to a personal computer via an infrared transmission interface for transmitting data.